

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 63572(46342)
INTERNATIONAL APPLICATION NO. PCT/JP2003/016417	INTERNATIONAL FILING DATE 22 December 2003	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 107539630
TITLE OF INVENTION PROPHYLACTIC/THERAPEUTIC AGENT FOR CANCER		
APPLICANT(S) FOR DO/EO/US Yuichi Hikichi et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: A copy of the PCT transmittal papers; Form PCT/IB/304; Form PCT/IB/306; Cover Page of Int'l Publ. No. WO 2004 058969 A1; Form PCT/IPEA/416; A copy of the English-language application; Paper copy of Sequence Listing and Return Postcard</p>		

Rec'd PCT/PTO 17 JUN 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/JP2003/016417		ATTORNEY'S DOCKET NUMBER 63572(46342)																															
The following fees have been submitted				CALCULATIONS	PTO USE ONLY																														
21. <input checked="" type="checkbox"/> Basic national fee \$300				\$ 300.00																															
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100 All other situations \$200																																			
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500				\$ 200.00																															
TOTAL OF 21, 22 and 23 =				\$ 1,000.00																															
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																			
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																																
89 - 100 =	/50 =		x \$250.00																																
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$ 130.00																															
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>29 - 20 =</td> <td>9</td> <td>x 50.00</td> <td>\$ 450.00</td> <td></td> </tr> <tr> <td>Independent claims</td> <td>21 - 3 =</td> <td>18</td> <td>x 200.00</td> <td>\$ 3,600.00</td> <td></td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(s) (if applicable)</td> <td>+ 360.00</td> <td>\$ 360.00</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$ 5,540.00</td> <td></td> </tr> </tbody> </table>						CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			Total claims	29 - 20 =	9	x 50.00	\$ 450.00		Independent claims	21 - 3 =	18	x 200.00	\$ 3,600.00		MULTIPLE DEPENDENT CLAIM(s) (if applicable)				+ 360.00	\$ 360.00	TOTAL OF ABOVE CALCULATIONS =				\$ 5,540.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																
Total claims	29 - 20 =	9	x 50.00	\$ 450.00																															
Independent claims	21 - 3 =	18	x 200.00	\$ 3,600.00																															
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				+ 360.00	\$ 360.00																														
TOTAL OF ABOVE CALCULATIONS =				\$ 5,540.00																															
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				\$																															
				SUBTOTAL =	\$ 5,540.00																														
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$																															
				TOTAL NATIONAL FEE =	\$ 5,540.00																														
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00																															
				TOTAL FEES ENCLOSED =	\$ 5,580.00																														
				Amount to be refunded:	\$																														
				Amount to be charged:	\$																														
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 04-1105 in the amount of \$ 5,580.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1105. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.</p>																																			
SEND ALL CORRESPONDENCE TO:																																			
Gregory B. Butler, Ph.D. EDWARDS & ANGELL, LLP P.O. Box 55874 Boston, Massachusetts 02205 (617) 439-4444																																			
CUSTOMER NUMBER: 21874																																			
SIGNATURE: <u>Gregory B. Butler</u>																																			
NAME: _____																																			
34,558																																			
REGISTRATION NUMBER: _____																																			

JC17 Rec'd PCT/PTO 17 JUN 2005

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 63572(46342)

10 / 539630

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 492338393 US in an envelope addressed to:

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on June 17, 2005
Date

Eileen M Woodbury
Signature

Eileen M. Woodbury

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 439-4444
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Fee Transmittal (1 page)
Transmittal Letter to the United States Designated-Elected Office (2 pages)
Copy of the English Language application (77 pages)
Paper copy of Sequence Listing (12 pages)
Computer readable Sequence Listing
Oath or declaration of the inventor(s) (4 pages)
IDS (Citation) by Applicant (8 References) (1 page)
Information Disclosure Statement (2 pages)
Assignment Recordation with Assignment (2 pages)
Preliminary Amendment (8 pages)
A copy of the PCT Transmittal Papers
Form PCT/IB/304; Form PCT/IB/306; Form PCT/IPEA/416
Cover Page of Int'l Publ. No. WO 2004 058969 A1
Charge \$5,580.00 to deposit account 04-1105

JC17 Rec'd PCT/PTO 17 JUN 2005
P.O./SERIAL 120442

Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 5,580.00)

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Yuichi Hikichi
Examiner Name	Not Yet Assigned
Art Unit	N/A
Attorney Docket No.	63572(46342)

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: 04-1105 Deposit Account Name: Edwards & Angell, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

<input checked="" type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20. (including Reissues) . . .

Each independent claim over 3 (including Reissues)

Multiple dependent claims:

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Small Entity Fee (\$)	Fee (\$)
29	- 20 = 9	x _____	= _____		50	25
21	- 3 = 18	x _____	= _____		200	100

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
89	- 100 = -1	/50 (round up to a whole number) x _____	= _____	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1631 Basic National Stage fee

300.00

1633 National Stage Examination Fee - all other ...

200.00

1632 National Stage Search Fee - all other situations

500.00

1617 National Stage oath or declaration after thirty ...

130.00

8021 National Stage recording each patent assignment, ...

40.00

1615 National Stage claims - extra total (over twenty)

450.00

1614 National Stage claims - extra independent (over ...)

3,600.00

1616 National Stage claims - multiple dependent

360.00

SUBMITTED BY

Signature	<i>Gregory B. Butler</i>	Registration No. (Attorney/Agent)	34,558	Telephone	(617) 439-4444
Name (Print/Type)	Gregory B. Butler, Ph.D.		Date	June 17, 2005	